

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029204**Date Inspected:** 07-Mar-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** On Site

CWI Name:	N/A		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No	
Rod Oven in Use:	Yes	No	N/A
Weld Procedures Followed:	Yes	No	N/A
Verified Joint Fit-up:	Yes	No	N/A
Approved WPS:	Yes	No	N/A
Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** Tower Electroslag Welds**Summary of Items Observed:**

The Caltrans OSM Quality Assurance (QA) Inspector Art Peterson was present during the times noted above to perform ultrasonic inspection verification on Electroslag welds inside of the Tower. The purpose of the ultrasonic inspection was for the detection of planar and transverse indications in accordance with the supplemental ultrasonic procedure SE-UT-D1.5-CT-108-ESW Revision 5 for information only and utilized as part of an ultrasonic test (UT) joint inspection with ABF/JV Quality Control (QC) Smith Emery NDT personnel. The summary of the supplemental ultrasonic inspection performed on this date was as follows:

Tower Electroslag Weld Identification: W-044 #25
Electroslag Weld: Weld #A - Shear Plate- "B" Side of weld.
Type of Joint: Butt (60 – 70) mm thick transition weld.
From Y Location: (4000 ~ 4500) mm of weld tested.
Results: (0) Planar Indications and (2) Transverse Indications.

For further details of the ultrasonic inspection performed please reference Ultrasonic Test Report TL-6027 dated 07-Mar-13.

Summary of Conversations:

Only general conversations with OSM METS QA Inspectors' William Clifford and Robert DeArmond regarding the supplemental ultrasonic inspection performed inside of the Tower on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or

WELDING INSPECTION REPORT

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remedial efforts please contact Gary Thomas, 916-764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Peterson, Art	Quality Assurance Inspector
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Reviewed By:	Mertz, Robert	QA Reviewer
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